

Keep With Operator's Manual

HOSE KIT GRAPPLE FORK TO TRACTOR REAR REMOTES

**7310 LOADER - TRACTOR MODELS 2810, 2910, 3910, 4610,
3230, 3430, 3930, 4000, 4100, 4600, 4610 & 4630**

PLUMBING HOSE KIT TO GRAPPLE FORK AND TRACTOR REMOTE HYDRAULIC COUPLERS (Figure 1)

IMPORTANT: Check for proper tractor valve operation before plumbing grapple fork to tractor. If valve is equipped with a flow speed control, it should be adjusted to slowest speed setting.

1. Position quick coupler bracket (1) on top of loader boom arm cross tube 6" from right corner where cross tube meets loader boom arm. Using quick coupler bracket (1) as template, drill two 3/16" holes into loader cross tube. Fasten quick coupler bracket (1) to loader cross tube using 1/4 x 1-1/2 self-tapping screws (2).

NOTE: Loader equipped with cover over loader oil lines may require removal of cover to install bulkhead assembly (1). Bulkhead bracket (1) should be placed so that center of bulkhead assembly is aligned with right edge of oil line cover. Using bulkhead assembly (1) as template, drill two 3/16" holes into crossmember. Fasten bulkhead assembly to crossmember using 1/4 x 1 1/2" self tapping screws (2), Reinstall oil line cover.

2. Place male ends of 3/8 x 250 hoses (8) through holes in coupler bracket (1) and install 3/4 bushings (5), spacers (6) and female quick couplers (3), securing hoses (8) to coupler bracket (1).

Secure 3/8 x 250 hoses (8) to existing boom oil line tubing using plastic tie straps (7). Place spiral identification bands (4) over spacers (6).

3. Use the 3/8 x 250 hoses (8) to plumb grapple fork to tractor remote valve. Install male quick couplers (not supplied in kit) to remaining end of hoses. Follow same route as loader hoses, using existing plastic tie straps and rubber strap to secure all hoses.

NOTE: When plugging couplers into tractor remote hydraulic couplers, make sure both ports are controlled by same spool.



WARNING: Escaping hydraulic fluid under pressure can penetrate skin causing serious injury.

- DO NOT use your hands to check for leaks. Use a piece of cardboard or paper to search for leaks.
- Stop engine and relieve pressure before connecting or disconnecting lines.
- Tighten all connections before starting engine or pressurizing lines.

If any fluid is injected into skin, obtain medical attention immediately or gangrene may result.

PARTS LIST - HOSE KIT

Item	Part No.	Description	Qty.
1	40569	BRACKET, Quick Coupler	1
2	36354-1	SCREW, Hex Head Self Tapping, 1/4-14 x 1-1/2	2
3	6147-4	COUPLER, Quick, Female	2
4	36240-5	BAND, Spiral, Blue, 5/8	1
	36240-6	BAND, Spiral, Red, 5/8	1
5	6120-2	BUSHING, 3/4 x 1-1/4	2
6	38912	SPACER, Plastic	2
7	8137-3	TIE STRAP, 1/2 x 20	5
8	40662-5	HOSE, 3/8 x 150	2

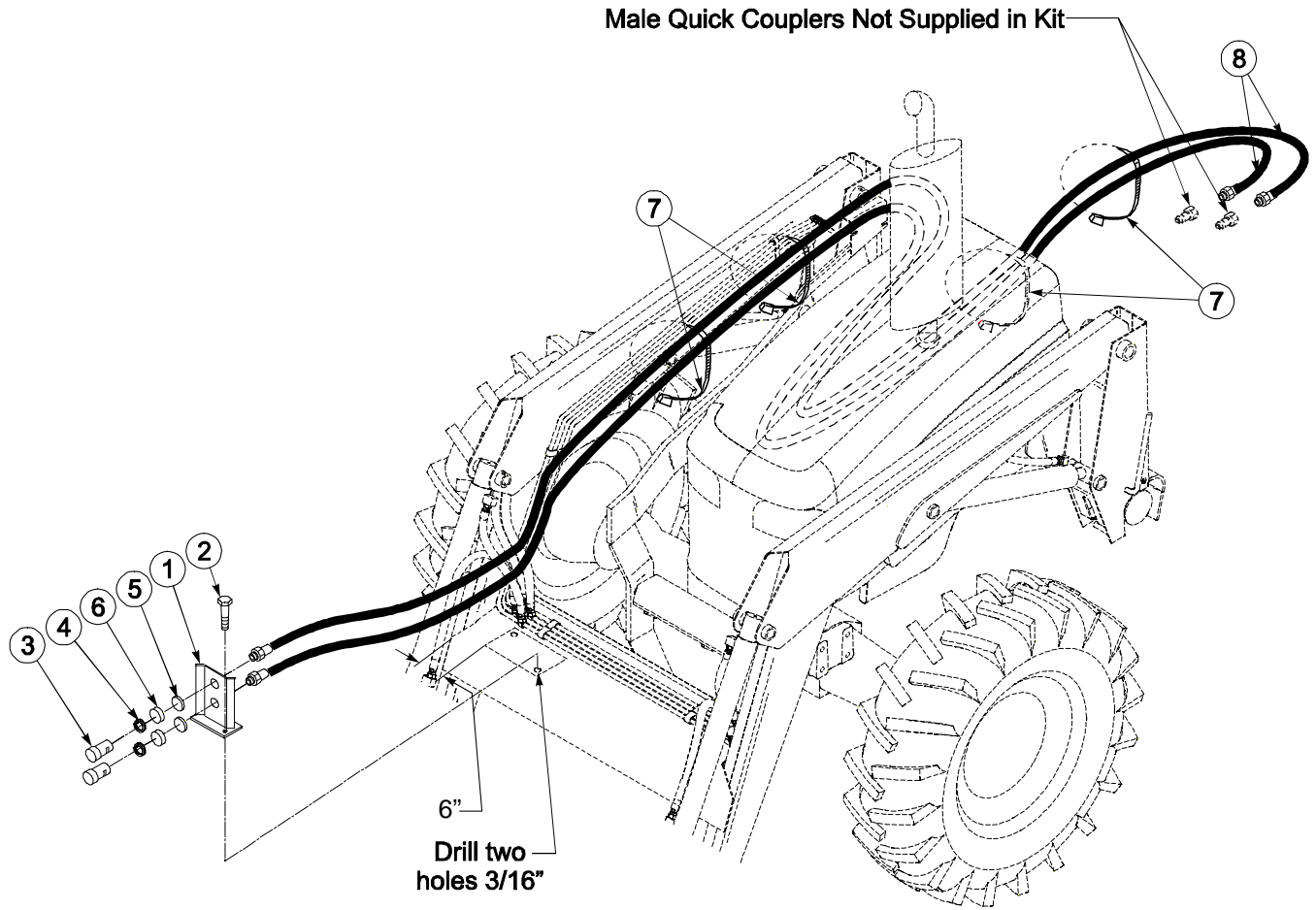


Figure 1
Installing Hose Kit

INSTALLATION INSTRUCTIONS